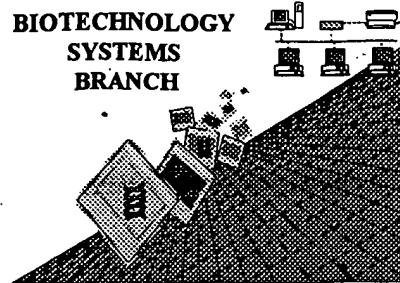


DW

RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/980,585
Source: Patent
Date Processed by STIC: 12/21/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by the treatment given to all mail coming via the Brentwood Mail Facility.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom, including:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE

2. U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202

3. Hand Carry directly to:

U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
1911 South Clark Street, Crystal Mall One, Sequence Information, Arlington, VA 22202

Or

U.S. Patent and Trademark Office, 2011 South Clark Place, Customer Window, Box Sequence, Crystal Plaza Two,
Lobby, Room 1B03, Arlington, Virginia 22202

4. Federal Express Delivery, 2011 South Clark Street, Crystal Plaza 2, Room 1B03-Mailroom, Box Sequence,
Arlington, VA 22202

PCT09

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/980,585

DATE: 12/21/2001
 TIME: 13:17:18

Input Set : A:\2328-124.ST25.txt
 Output Set: N:\CRF3\12212001\I980585.raw

P.6
 Does Not Comply
 Corrected Diskette Needed

3 <110> APPLICANT: LILIU, Esa-Matti
 4 VIRTAA, Marko
 6 <120> TITLE OF INVENTION: A Method to Enable Assessment of Growth and Death of Micro-organisms
 8 <130> FILE REFERENCE: 2328-124
 10 <140> CURRENT APPLICATION NUMBER: US/09/980,585
 10 <141> CURRENT FILING DATE: 2001-12-04
 10 <150> PRIOR APPLICATION NUMBER: PCT/FI00/00507
 11 <151> PRIOR FILING DATE: 2000-06-07
 13 <150> PRIOR APPLICATION NUMBER: FI 991296
 14 <151> PRIOR FILING DATE: 1999-06-07
 16 <160> NUMBER OF SEQ ID NOS: 4
 18 <170> SOFTWARE: PatentIn version 3.0
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 5051
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Artificial
 25 <220> FEATURE:
 26 <223> OTHER INFORMATION: pGFP+Luc* plasmid
 28 <220> FEATURE:
 29 <221> NAME/KEY: promoter
 30 <222> LOCATION: (95)..(199)
 31 <223> OTHER INFORMATION: lac promoter
 34 <220> FEATURE:
 35 <221> NAME/KEY: CDS
 36 <222> LOCATION: (289)..(1005)
 37 <223> OTHER INFORMATION: GFP
 40 <220> FEATURE:
 41 <221> NAME/KEY: CDS
 42 <222> LOCATION: (1044)..(2693)
 43 <223> OTHER INFORMATION: firefly luciferase
 46 <220> FEATURE:
 47 <221> NAME/KEY: CDS
 48 <222> LOCATION: (3251)..(4108)
 49 <223> OTHER INFORMATION: beta-lactamase
 52 <400> SEQUENCE: 1
 53 agcgcccaat acgcaaaccg cctctccccg cgcggtggcc gattcattaa tgcagctggc 60
 55 acgacagggtt tcccgactgg aaagcgggca gtgagcgaa cgcaattaat gtgagtttagc 120
 57 tcactcatta ggcaccccaag gctttacact ttatgctcc ggctcgatg ttgtgtggaa 180
 59 ttgtgagcgg ataacaattt cacacaggaa acagctatga ccatgattac gccaagcttg 240
 61 catgcctgca ggtcgactct agaggatccc cgggtaccgg tcgcccacc atg gtg agc 297
 62 Met Val Ser
 63 1
 65 aag ggc gag gag ctg ttc acc ggg gtg gtg ccc atc ctg gtc gag ctg 345
 66 Lys Gly Glu Glu Leu Phe Thr Gly Val Val Pro Ile Leu Val Glu Leu
 67 5 10 15
 69 gac ggc gac gta aac ggc cac aag ttc agc gtg tcc ggc gag ggc gag 393
 70 Asp Gly Asp Val Asn Gly His Lys Phe Ser Val Ser Gly Glu Glu

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/980,585

DATE: 12/21/2001
TIME: 13:17:18

Input Set : A:\2328-124.ST25.txt
Output Set: N:\CRF3\12212001\I980585.raw

71	20	25	30	35	
73	ggc gat gcc acc tac ggc aag ctg acc ctg aag ttc atc tgc acc acc				441
74	Gly Asp Ala Thr Tyr Gly Lys Leu Thr Leu Lys Phe Ile Cys Thr Thr				
75	40	45	50		
77	ggc aag ctg ccc gtg ccc tgg ccc acc ctc gtg acc acc ctg acc tac				489
78	Gly Lys Leu Pro Val Pro Trp Pro Thr Leu Val Thr Thr Leu Thr Tyr				
79	55	60	65		
81	ggc gtg cag tgc ttc agc cgc tac ccc gac cac atg aag cag cac gac				537
82	Gly Val Gln Cys Phe Ser Arg Tyr Pro Asp His Met Lys Gln His Asp				
83	70	75	80		
85	ttc ttc aag tcc gcc atg ccc gaa ggc tac gtc cag gag cgc acc atc				585
86	Phe Phe Lys Ser Ala Met Pro Glu Gly Tyr Val Gln Glu Arg Thr Ile				
87	85	90	95		
89	ttc ttc aag gac gac ggc aac tac aag acc cgc gcc gag gtg aag ttc				633
90	Phe Phe Lys Asp Asp Gly Asn Tyr Lys Thr Arg Ala Glu Val Lys Phe				
91	100	105	110	115	
93	gag ggc gac acc ctg gtg aac cgc atc gag ctg aag ggc atc gac ttc				681
94	Glu Gly Asp Thr Leu Val Asn Arg Ile Glu Leu Lys Gly Ile Asp Phe				
95	120	125	130		
97	aag gag gac ggc aac atc ctg ggg cac aag ctg gag tac aac tac aac				729
98	Lys Glu Asp Gly Asn Ile Leu Gly His Lys Leu Glu Tyr Asn Tyr Asn				
99	135	140	145		
101	agc cac aac gtc tat atc atg gcc gac aag cag aac ggc atc aag				777
102	Ser His Asn Val Tyr Ile Met Ala Asp Lys Gln Lys Asn Gly Ile Lys				
103	150	155	160		
105	gtg aac ttc aag atc cgc cac aac atc gag gac ggc agc gtg cag ctc				825
106	Val Asn Phe Lys Ile Arg His Asn Ile Glu Asp Gly Ser Val Gln Leu				
107	165	170	175		
109	gcc gac cac tac cag cag aac acc ccc atc gcc gac ggc ccc gtg ctg				873
110	Ala Asp His Tyr Gln Gln Asn Thr Pro Ile Gly Asp Gly Pro Val Leu				
111	180	185	190	195	
113	ctg ccc gac aac cac tac ctg agc acc cag tcc gcc ctg agc aaa gac				921
114	Leu Pro Asp Asn His Tyr Leu Ser Thr Gln Ser Ala Leu Ser Lys Asp				
115	200	205	210		
117	ccc aac gag aag cgc gat cac atg gtc ctg gag ttc gtg acc gcc				969
118	Pro Asn Glu Lys Arg Asp His Met Val Leu Leu Glu Phe Val Thr Ala				
119	215	220	225		
121	gcc ggg atc act ctc ggc atg gac gag ctg tac aag taaagcggcc				1015
122	Ala Gly Ile Thr Leu Gly Met Asp Glu Leu Tyr Lys				
123	230	235			
125	gctctagaac tagtggatcc cccgtacc atg gaa gac gcc aaa aac ata aag				1067
126	Met Glu Asp Ala Lys Asn Ile Lys				
127	240	245			
129	aaa ggc ccg gcg cca ttc tat ccg cta gag gat gga acc gct gga gag				1115
130	Lys Gly Pro Ala Pro Phe Tyr Pro Leu Glu Asp Gly Thr Ala Gly Glu				
131	250	255	260		
133	caa ctg cat aag gct atg aag aga tac gcc ctg gtt cct gga aca att				1163
134	Gln Leu His Lys Ala Met Lys Arg Tyr Ala Leu Val Pro Gly Thr Ile				
135	265	270	275		

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/980,585

DATE: 12/21/2001
TIME: 13:17:18

Input Set : A:\2328-124.ST25.txt
Output Set: N:\CRF3\12212001\I980585.raw

137	gct	ttt	aca	gat	gca	cat	atc	gag	gtg	aac	atc	acg	tac	gcg	gaa	tac	1211
138	Ala	Phe	Thr	Asp	Ala	His	Ile	Glu	Val	Asn	Ile	Thr	Tyr	Ala	Glu	Tyr	
139	280				285					290						295	
141	ttc	gaa	atg	tcc	gtt	cgg	ttg	gca	gaa	gct	atg	aaa	cga	tat	ggg	ctg	1259
142	Phe	Glu	Met	Ser	Val	Arg	Leu	Ala	Glu	Ala	Met	Lys	Arg	Tyr	Gly	Leu	
143					300	:				305						310	
145	aat	aca	aat	cac	aga	atc	gtc	gta	tgc	agt	gaa	aac	tct	ctt	caa	ttc	1307
146	Asn	Thr	Asn	His	Arg	Ile	Val	Val	Cys	Ser	Glu	Asn	Ser	Leu	Gln	Phe	
147					315					320						325	
149	ttt	atg	ccg	gtg	ttg	ggc	gcg	tta	ttt	atc	gga	gtt	gca	gtt	gcg	ccc	1355
150	Phe	Met	Pro	Val	Leu	Gly	Ala	Leu	Phe	Ile	Gly	Val	Ala	Val	Ala	Pro	
151					330					335						340	
153	gcg	aac	gac	att	tat	aat	gaa	cgt	gaa	ttg	ctc	aac	agt	atg	aac	att	1403
154	Ala	Asn	Asp	Ile	Tyr	Asn	Glu	Arg	Glu	Leu	Leu	Asn	Ser	Met	Asn	Ile	
155					345					350						355	
157	tgc	cag	cct	acc	gta	gtg	ttt	gtt	tcc	aaa	aag	ggg	ttg	caa	aaa	att	1451
158	Ser	Gln	Pro	Thr	Val	Val	Phe	Val	Ser	Lys	Lys	Gly	Leu	Gln	Lys	Ile	
159					360					365						370	375
161	ttg	aac	gtg	caa	aaa	aaa	tta	cca	ata	atc	cag	aaa	att	att	atc	atg	1499
162	Leu	Asn	Val	Gln	Lys	Lys	Leu	Pro	Ile	Ile	Gln	Lys	Ile	Ile	Ile	Met	
163					380					385						390	
165	gat	tct	aaa	acg	gat	tac	cag	gga	ttt	cag	tcg	atg	tac	acg	ttc	gtc	1547
166	Asp	Ser	Lys	Thr	Asp	Tyr	Gln	Gly	Phe	Gln	Ser	Met	Tyr	Thr	Phe	Val	
167					395					400						405	
169	aca	tct	cat	cta	cct	ccc	ggt	ttt	aat	gaa	tac	gat	ttt	gta	cca	gag	1595
170	Thr	Ser	His	Leu	Pro	Pro	Gly	Phe	Asn	Glu	Tyr	Asp	Phe	Val	Pro	Glu	
171					410					415						420	
173	tcc	ttt	gat	cgt	gac	aaa	aca	att	gca	ctg	ata	atg	aac	tcc	tct	gga	1643
174	Ser	Phe	Asp	Arg	Asp	Lys	Thr	Ile	Ala	Leu	Ile	Met	Asn	Ser	Ser	Gly	
175					425					430						435	
177	tct	act	ggg	tta	cct	aag	ggt	gtg	gcc	ctt	ccg	cat	aga	act	gcc	tgc	1691
178	Ser	Thr	Gly	Leu	Pro	Lys	Gly	Val	Ala	Leu	Pro	His	Arg	Thr	Ala	Cys	
179					440					445						450	455
181	gtc	aga	ttc	tcg	cat	gcc	aga	gat	cct	att	ttt	ggc	aat	caa	atc	att	1739
182	Val	Arg	Phe	Ser	His	Ala	Arg	Asp	Pro	Ile	Phe	Gly	Asn	Gln	Ile	Ile	
183					460					465						470	
185	ccg	gat	act	gcg	att	tta	agt	gtt	cca	ttc	cat	cac	ggt	ttt	gga		1787
186	Pro	Asp	Thr	Ala	Ile	Leu	Ser	Val	Val	Pro	Phe	His	His	Gly	Phe	Gly	
187					475					480						485	
189	atg	ttt	act	aca	ctc	gga	tat	ttg	ata	tgt	gga	ttt	cga	gtc	gtc	tta	1835
190	Met	Phe	Thr	Thr	Leu	Gly	Tyr	Leu	Ile	Cys	Gly	Phe	Arg	Val	Val	Leu	
191					490					495						500	
193	atg	tat	aga	ttt	gaa	gaa	gag	ctg	ttt	tta	cga	tcc	ctt	cag	gat	tac	1883
194	Met	Tyr	Arg	Phe	Glu	Glu	Leu	Phe	Leu	Arg	Ser	Leu	Gln	Asp	Tyr		
195					505					510						515	
197	aaa	att	caa	agt	gcg	ttg	cta	gta	cca	acc	cta	ttt	tca	ttc	ttc	gcc	
198	Lys	Ile	Gln	Ser	Ala	Leu	Leu	Val	Pro	Thr	Leu	Phe	Ser	Phe	Phe	Ala	
199					520					525						530	535
201	aaa	agc	act	ctg	att	gac	aaa	tac	gat	tta	tct	aat	tta	cac	gaa	att	1979

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/980,585

DATE: 12/21/2001
TIME: 13:17:18

Input Set : A:\2328-124.ST25.txt
Output Set: N:\CRF3\12212001\I980585.raw

202 Lys Ser Thr Leu Ile Asp Lys Tyr Asp Leu Ser Asn Leu His Glu Ile		
203 540 545 550		
205 gct tct ggg ggc gca cct ctt tcg aaa gaa gtc ggg gaa gcg gtt gca	2027	
206 Ala Ser Gly Gly Ala Pro Leu Ser Lys Glu Val Gly Glu Ala Val Ala		
207 555 560 565		
209 aaa cgc ttc cat ctt cca ggg ata cga caa gga tat ggg ctc act gag	2075	
210 Lys Arg Phe His Leu Pro Gly Ile Arg Gln Gly Tyr Gly Leu Thr Glu		
211 570 575 580		
213 act aca tca gct att ctg att aca ccc gag ggg gat gat aaa ccg ggc	2123	
214 Thr Thr Ser Ala Ile Leu Ile Thr Pro Glu Cly Asp Asp Lys Pro Gly		
215 585 590 595		
217 gcg gtc ggt aaa gtt gtt cca ttt ttt gaa gcg aag gtt gtg gat ctg	2171	
218 Ala Val Gly Lys Val Val Pro Phe Phe Glu Ala Lys Val Val Asp Leu		
219 600 605 610 615		
221 gat acc ggg aaa acg ctg ggc gtt aat cag aga ggc gaa tta tgt gtc	2219	
222 Asp Thr Gly Lys Thr Leu Gly Val Asn Gln Arg Gly Glu Leu Cys Val		
223 620 625 630		
225 aga gga cct atg att atg tcc ggt tat gta aac aat ccg gaa gcg acc	2267	
226 Arg Gly Pro Met Ile Met Ser Gly Tyr Val Asn Asn Pro Glu Ala Thr		
227 635 640 645		
229 aac gcc ttg att gac aag gat gga tgg cta cat tct gga gac ata gct	2315	
230 Asn Ala Leu Ile Asp Lys Asp Gly Trp Leu His Ser Gly Asp Ile Ala		
231 650 655 660		
233 tac tgg gac gaa gac gaa cac ttc ttc ata gtt gac cgc ttg aag tct	2363	
234 Tyr Trp Asp Glu Asp His Phe Phe Ile Val Asp Arg Leu Lys Ser		
235 665 670 675		
237 tta att aaa tac aaa gga tac cag gtg gcc ccc gct gaa ttg gag tcg	2411	
238 Leu Ile Lys Tyr Lys Gly Tyr Gln Val Ala Pro Ala Glu Leu Glu Ser		
239 680 685 690 695		
241 ata ttg tta caa cac ccc aac atc ttc gac gcg ggc gtg gca ggt ctt	2459	
242 Ile Leu Leu Gln His Pro Asn Ile Phe Asp Ala Gly Val Ala Gly Leu		
243 700 705 710		
245 ccc gac gat gac gcc ggt gaa ctt ccc gcc gcc gtt gtt gtt ttg gag	2507	
246 Pro Asp Asp Ala Gly Glu Leu Pro Ala Ala Val Val Leu Glu		
247 715 720 725		
249 cac gga aag acg atg acg gaa aaa gag atc gtg gat tac gtc gcc agt	2555	
250 His Gly Lys Thr Met Thr Glu Lys Glu Ile Val Asp Tyr Val Ala Ser		
251 730 735 740		
253 caa gta aca acc gcc aaa aag ttg cgc gga gga gtt gtg ttt gtg gac	2603	
254 Gln Val Thr Thr Ala Lys Lys Leu Arg Gly Gly Val Val Phe Val Asp		
255 745 750 755		
257 gaa gta ccg aaa ggt ctt acc gga aaa ctc gac gca aga aaa atc aga	2651	
258 Glu Val Pro Lys Gly Leu Thr Gly Lys Leu Asp Ala Arg Lys Ile Arg		
259 760 765 770 775		
261 gag atc ctc ata aag gcc aag aag ggc gga aag tcc aaa ttg	2693	
262 Glu Ile Leu Ile Lys Ala Lys Lys Gly Gly Lys Ser Lys Leu		
263 780 785		
265 taaaatgtaa ctgtattcag cgatgacgaa attcttagct attgtataac tctagggct	2753	
267 gcaggaattc gatatcaagc ttatcgatac cgtcgacctc gagggggggc ccttcgtct	2813	

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/980,585

DATE: 12/21/2001
TIME: 13:17:18

Input Set : A:\2328-124.ST25.txt
Output Set: N:\CRF3\12212001\I980585.raw

269	cgcgcgtttc	ggtgatgacg	gtgaaaacct	ctgacacatg	cagctcccg	agacggcac	2873
271	agcttgtctg	taaggaggatg	ccgggagcag	acaagcccgt	cagggcgcgt	cagcgggtgt	2933
273	tggcgggtgt	cggggctggc	ttaactatgc	ggcatcagag	cagattgtac	tgagagtgc	2993
275	ccatatgcgg	tgtaaatac	cgcacagatg	cgtaaggaga	aaataccgca	tcagggcgcc	3053
277	ttaagggcct	cgtgatacgc	ctattttat	aggtaatgt	catgataata	atgtttctt	3113
279	agacgtcagg	tggcaacttt	cggggaaatg	tgcgcggaac	ccctatttgt	ttattttct	3173
281	aaatacattc	aaatatgtat	ccgctcatga	gacaataacc	ctgataaatg	cttcaataat	3233
283	attgaaaaag	gaagagt	atg agt att	caa cat ttc	cgt gtc gcc	ctt att	3283
284			Met Ser Ile Gln His Phe Arg Val Ala Leu Ile				
285		790		795		800	
287	ccc ttt ttt	gcf gca ttt	tgc ctt cct	gtt ttt	gct cac cca	gaa acg	3331
288	Pro Phe Phe	Ala Ala Phe	Cys Leu Pro	Val Phe	Ala His Pro	Glu Thr	
289		805		810		815	
291	ctg gtg aaa	gta aaa gat	gct gaa gat	cag ttg	ggt gca cga	gtg ggt	3379
292	Leu Val Lys	Val Lys Asp	Ala Glu Asp	Gln Leu Gly	Ala Arg Val	Gly	
293		820		825		830	
295	tac atc gaa	ctg gat ctc	aac agc ggt	aag atc ctt	gag agt ttt	cgc	3427
296	Tyr Ile Glu	Leu Asp Leu Asn	Ser Gly Lys	Ile Leu Glu	Ser Phe Arg		
297		835		840		845	
299	ccc gaa gaa	cgt ttt cca	atg atg agc	act ttt aaa	gtt ctg cta	tgt	3475
300	Pro Glu Glu Arg	Phe Pro Met	Met Ser Thr	Phe Lys Val	Leu Leu Cys		
301		850		855		860	
303	ggc gcg gta	tta tcc cgt	att gac gcc	ggg caa gag	caa ctc ggt	cgc	3523
304	Gly Ala Val	Leu Ser Arg	Ile Asp Ala	Gly Gln	Glu Gln	Leu Gly Arg	
305		865		870		875	880
307	cgc ata cac tat	tct cag aat	gac ttg	gtt gag tac	tca cca gtc	aca	3571
308	Arg Ile His Tyr	Ser Gln Asn Asp	Leu Val	Glu Tyr Ser	Pro Val Thr		
309		885		890		895	
311	gaa aag cat	ctt acg gat	ggc atg aca	gta aga gaa	tta tgc	agt gct	3619
312	Glu Lys His	Leu Thr Asp	Gly Met	Thr Val Arg	Glu Leu	Cys Ser Ala	
313		900		905		910	
315	gcc ata acc	atg agt gat	aac act	gcf gcc aac	tta ctt	ctg aca acg	3667
316	Ala Ile Thr	Met Ser Asp	Asn Thr	Ala Ala Asn	Leu Leu	Thr Thr	
317		915		920		925	
319	atc gga gga	ccg aag gag	cta acc gct	ttt ttg	cac aac atg	ggg gat	3715
320	Ile Gly Gly	Pro Lys Glu	Leu Thr Ala	Phe Leu His	Asn Met	Gly Asp	
321		930		935		940	
323	cat gta act	cgc ctt gat	cgt tgg	gaa ccg gag	ctg aat	gaa gcc ata	3763
324	His Val Thr	Arg Leu Asp	Arg Trp Glu	Pro Glu Leu	Asn Glu	Ala Ile	
325		945		950		955	960
327	cca aac gac	gag cgt gac	acc acg atg	cct gta	gca atg	gca aca acg	3811
328	Pro Asn Asp	Glu Arg Asp	Thr Thr Met	Pro Val Ala	Met Ala	Thr Thr	
329		965		970		975	
331	ttg cgc aaa	cta tta act	ggc gaa cta	ctt act	cta gct	tcc cgg caa	3859
332	Leu Arg Lys	Leu Leu Thr	Gly Glu	Leu Leu Thr	Leu Ala	Ser Arg Gln	
333		980		985		990	
335	caa tta ata	gac tgg atg	gag gcf	gat aaa	gtt gca gga	cca ctt ctg	3907
336	Gln Leu Ile	Asp Trp Met	Glu Ala	Asp Lys Val	Ala Gly	Pro Leu Leu	
337		995		1000		1005	

09/980,585 6

<210> 2
<211> 239
<212> PRT
<213> Artificial

<400> 2

The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.



The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/980,585

DATE: 12/21/2001
TIME: 13:17:19

Input Set : A:\2328-124.ST25.txt
Output Set: N:\CRF3\12212001\I980585.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:23 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1
L:395 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2
L:397 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:397 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:462 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3
L:464 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:464 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:609 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4
L:611 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:611 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION: